

EPODOC / EPO

PN - JP2003086354 A 20030320
 PD - 2003-03-20
 PR - JP20010275440 20010911
 OPD - 2001-09-11
 TI - INSERT MOLD EL
 AB - PROBLEM TO BE SOLVED: To provide an insert mold EL with improved adherent property between an EL sheet and a resin, without exfoliation after molding. SOLUTION: An EL sheet B is formed by successively laminating an cosmetic layer 7, a transparent electrode layer 2, a light emitting layer 4, a back surface electrode layer 5, and an insulation layer 6 on a transparent film 1. A cover for a mobile phone, as an insert mold EL, is molded by injecting molding resin 10. For the injection molding resin 10, the same resin as that used for the adjacent transparent film 1, or a polymer alloy of the resin used for the transparent film and a resin different from the above, or a resin having a melting point higher than that of the resin used for the transparent film, is used. The injection molding resin might be formed adjacent to the insulation layer 6 constructing a back surface of the EL sheet B, in this case, the same resin as that used for the insulation layer 6, or a polymer alloy, or a resin with high melting point, is used.

IN - NAOI YASUSHI
 PA - SEIKO PRECISION KK; NISSHA PRINTING
 EC - B29C45/14Q4
 IC - H05B33/02; B29C45/14; B32B7/02; H05B33/10; B29L9/00

EPAI / DERWENT

TI - Electroluminescent insert molding article for mobile telephones, comprises molding resin which is same as resin in adjacent layer of molding resin, on surface(s) of electroluminescent sheet

PR - JP20010275440 20010911
 PN - JP2003086354 A 20030320 DW200359 H05B33/02 004pp
 PA - (NSHA) NIPPON SHASHIN INSATSU KK
 - (SEIK-N) SEIKO PRECISION KK
 IC - B29C45/14 ;B29L9/00 ;B32B7/02 ;H05B33/02 ;H05B33/10
 AB - JP2003086354 NOVELTY - The electroluminescent (EL) insert molding article comprises molding resin (10) injected and molded to surface(s) of EL sheet (B). The molding resin (10) is same as the resin in adjacent layer of molding resin of EL sheet.

- USE - For exterior components of mobile telephones, domestic electrical appliance and interior components of motor vehicles.
- ADVANTAGE - The adhesion between EL sheet and molding resin is good i.e. the EL sheet and molding resin do not separate after molding, in the electroluminescent insert molding article.
- DESCRIPTION OF DRAWING(S) - The figure shows the sectional drawing of the molded product and partially expanded sectional view of molded product.
- molding resin 10
- electroluminescent sheet B
- (Dwg.2/3)

OPD - 2001-09-11
 AN - 2003-621107 [59]

EPAI / JPO

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 IN - NAOI YASUSHI
 PA - SEIKO PRECISION INC;NISSHA PRINTING CO LTD

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- SI - B29L9/00
- I - H05B33/02 ;B29C45/14 ;B32B7/02 ;H05B33/10

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